

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/002517

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G11C11/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2005/001490 A (NVE CORP) 6 January 2005 (2005-01-06) figure 6 pages 22,32,33	1,2,7,9
P,A	US 2004/095801 A1 (IBM) 20 May 2004 (2004-05-20) figure 2 paragraph '0027!	1
A	FR 2 832 542 A (COMMISSARIAT ENERGIE ATOMIQUE) 23 May 2003 (2003-05-23) figures 9,10 page 17, line 17 - page 18, line 4 page 28, line 9 - page 30, line 2 ----- -/--	1-3

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

2 February 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	WO 00/79540 A (NONVOLATILE ELECTRONICS INC ;POHM ARTHUR V (US); DAUGHTON JAMES M) 28 December 2000 (2000-12-28) figure 1A page 17, line 24 - page 20, line 13	1
A	BOULOUZ A ET AL: "PREPARATION AND CHARACTERIZATION OF MOCVD BISMUTH TELLURIDE THIN FILMS" JOURNAL OF CRYSTAL GROWTH, NORTH-HOLLAND PUBLISHING CO. AMSTERDAM, NL, vol. 194, no. 3/4, December 1998 (1998-12), pages 336-341, XP000669099 ISSN: 0022-0248 page 336 page 339	4
A	ZOU H ET AL: "Growth of p- and n-type bismuth telluride thin films by co-evaporation" JOURNAL OF CRYSTAL GROWTH, NORTH-HOLLAND PUBLISHING CO. AMSTERDAM, NL, vol. 222, no. 1-2, January 2001 (2001-01), pages 82-87, XP004228292 ISSN: 0022-0248 page 82	4
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 12, 29 October 1999 (1999-10-29) & JP 11 175921 A (HITACHI LTD), 2 July 1999 (1999-07-02) abstract	9,10
P,A	WO 03/094170 A (INFINEON TECHNOLOGIES AG) 13 November 2003 (2003-11-13) figures 1,2 page 7, line 6 - line 14 page 14, line 9 - line 15	1-3
A	US 2003/007398 A1 (POHM ARTHUR V ET AL) 9 January 2003 (2003-01-09) paragraph '0106!	1-11
A	US 2003/123282 A1 (TRAN LUNG T ET AL) 3 July 2003 (2003-07-03) figure 1	1-11

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A	DIENY;SOUSA: "Bias current heating in spin dependent tunnel junctions" 26 September 2003 (2003-09-26), MINATEC 2003, GRENOBLE, FRANCE, XP002280171 the whole document -----	1-10
A	WO 03/077257 A (AGENCY FOR SCIENCE TECHNOLOGY ;LI KE BIN (SG); QIU JIN JUN (SG); W) 18 September 2003 (2003-09-18) page 8, line 15 - page 9, line 19 -----	1-10
A	US 5 933 365 A (KLERSY PATRICK ET AL) 3 August 1999 (1999-08-03) abstract column 13, line 47 - column 14, line 64 -----	1-10

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Information on patent family members

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